Worldwide Joint Training Conference 2004

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N-NC/J7

Competency-Knowledge Based Training Continuum

Level 1 – Core Knowledge Competencies

- Knowledge of N/NC mission, organization, operations, procedures
- Knowledge of Homeland Security organizations and operations
- Knowledge of the Threat

Declarative Knowledge Level

Level 2 – Advanced Knowledge Development

- Directorate/Staff Agency specific functional knowledge (link to stakeholders)
- Practice
- Broad knowledge of Homeland Security organizations

Conceptual Knowledge Level

Level 3 – Current/Future Leader Development

- Advanced knowledge of N/NC, Homeland Security mission, organization, operations, procedures
- Advanced directorate/staff agency knowledge (strategic decision making)
- Multi-level practice

Problem Solving Knowledge Level

Breadth

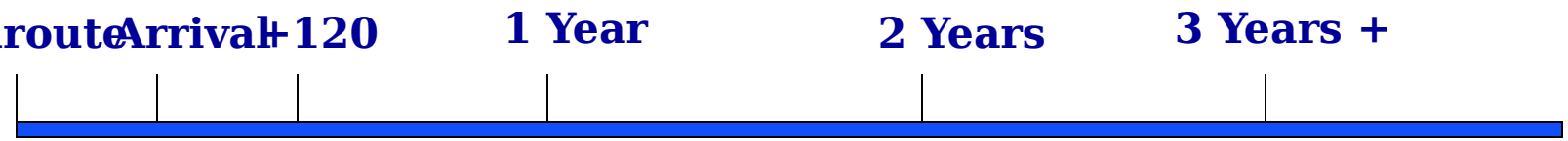
Depth

Experience

Training and Education Structure/Timeline

Managed through a N/NC Learning Managemen

Timeline



Level 1 Training

Required of All N & NC Personnel

- Start Smart
- DoD EPC or EPC MTT
- WMD/DTRA
- Introductory N/NC
- JPME II

Level 2 Training/ Education

Each Directorate

- Complete Level 1
- Directorate JMET Course
- UCCS HLS Course
- JPME II
- JFSC
- Exercise Participation

Level 3 Education

% of Each Directorate

- Complete Levels 1, 2
- Advanced Degree in any HLS program (UCCS, U of Denver)
- Naval PG School
- HS/DEC Advanced

NORAD/NORTHCOM Support Requirements:

- Comprehensive JFCOM/JRO/DTRA Domestic CBRNE Training Pro
- JKDDC Course Development
- Learning Management System

HLS/HLD Education Consortium

Founding Members

Members

- Old Dominion University
- Metropolitan College of New York
- Univ. of North Carolina (School of Public Health)
- Uniformed Services Univ. of Health Sciences
- US Army Research, Engineering and Development Command
- Pikes Peak Community College
- Ohio State University
- National Interagency Civil Military Institute
- St. Mary's University
- UT San Antonio
- Arizona State University
- Purdue University
- University of South Florida
- East Carolina University
- Texas A&M
- American Association of Community Colleges
- Millersville University of Pennsylvania
- Harvard and Yale Research Hospitals
- Tarrant County College
- Saint Petersburg College
- Lehigh Carbon Community College
- Western Connecticut State University
- Texas A&M

Expressing Interest

- University of California
- Air War College
- California State University
- US Coast Guard Academy
- Naval War College
- Arizona State University
- University of Southern California
- George Washington University
- University of Massachusetts
- California State University San Bernardino
- Walden University
- University of Washington
- American Public University
- University of Chicago
- John Jay College
- Massachusetts Maritime Academy
- Lynn University
- North Dakota State University
- Louisiana State University
- Kent State University
- University of Baltimore
- George Mason University
- Tulane University
- Pennsylvania State University
- New Orleans University
- The Virginia Tidewater Consortium of Colleges
- Johns Hopkins University

HLS/HLD Education Consortium

- **Integrated Network of Military, Federal, and Civilian Institutions With a Common Goal**
  - **Ensure the Department of Defense (NORAD/ NORTHCOM) role in, and perspective on, homeland security is adequately and accurately reflected in national education initiatives.**
  - **Encourage and facilitate HLS education program development**
  - **Focus and facilitate research and knowledge development**
  - **Encourage cooperation among consortium member institutions**

Educating the Force

- Content developed from materials provided by member institutions
- Core courses being developed leveraging the Joint Knowledge Development and Distribution Capabilities Initiative
- Modular for greater adaptability
- [illegible]for in-residence or distance use
- [illegible]vailable at no cost

Student uses resources from all member institutions

Student takes consortium developed content

Student receives degree or certificate from member institution

NORAD/NORTHCOM Support Requirements:
- **DHS Homeland Security Institute Outreach**
- **OSD/JS Advocacy**

National Exercise Program

- **Focus is Catastrophic Weapons of Mass Destruction (WMD) Incident Management**
  - **National Response Plan (NRP)**
  - **National Incident Management System (NIMS)**
  - **Private Sector, Local, State, Federal & International**
- **Transition FY04 > Initial Implementation FY05 > Full Implementation FY06**
- **Exercise Cycle**
  - **Odd Year – Top Officials (TOPOFF)/Ardent Sentry Field Training Exercise (FTX)**
  - **Even Year – Ardent Sentry Field Training Exercise (FTX) & Top Officials Command Post Exercise (CPX)**
  - **Every Year – Vigilant Shield (VS)**

FY05 Initial Implementation Plan

- **Ardent Sentry 05**
  - **Merged into Top Officials 3 (T3) Apr 05**
- **TOPOFF 3**
  - **NORAD-NORTHCOM will participate in all T3 planning scheduled in FY05 to include exercise control and execution (Apr 05)**
  - **Department of Homeland Security (DHS) leads planning processes**
  - **Two venues and international participation**

    State Venues: Connecticut and New Jersey

    International: Canada and United Kingdom
  - **JTF-Civil Support (CS) and JTF-Consequence Management (East) deployment integrated into Top Officials 3 (T3) venues**

FY06 Full Implementation Plan

- **Vigilant Shield 06 (Nov 05) → Future Years**
  - **Integrated into the National Exercise Program (NEP)**
  - **NORAD-NORTHCOM leads the planning processes**
  - **Provides mechanism for Principals to participate in Homeland Defense exercise venues**

- **Ardent Sentry 06 (Apr/May ~~06~~) → Future Years**
  - **Department of Homeland Security (DHS) Full participation**
  - **NORAD-NORTHCOM Lead for Field Training**

NORAD/NORTHCOM Support Requirements:

- **Both exercises are powerful candidates for leveraging the Joint National**
- **JS J7 partnership in TOPOFF/Ardent Sentry exercise planning**

Model & Simulation Plan

NORAD/NORTHCOM Support Requirements:

- **Adopt and expand on a command toolkit of exercise drivers for homeland defense and MACA missions**
  - **Theater-level – Joint Theater Level Simulation (JTLS)**
  - **Tactical-level – Joint Conflict & Tactical Simulation (JCATS)**
  - **Logistics – Joint Deployment & Logistics Model (JDLM)**
  - **Reusable databases**
  - **North American play box (NORAD and NORTHCOM mission sets)**
- **Enhance simulations MACA and HLD capabilities**
- **Interface simulations with a GIS-based operational picture**
- **Interface simulations with NORAD C4I systems**
- **Interface simulations with distributed virtual simulations (flight simulators, air defense artillery, civilian first responders, etc.)**

Questions?